

# Setting standards in food analysis

Regulator • Regulated • Referee



28th & 29th April 2010

Churchill Museum & Cabinet War Rooms, King Charles Street, London SW1A 2AQ

The Government Chemist invites you to a prestigious two day scientific conference on food analysis that brings together the main players in regulatory policy development and cutting edge measurement science.

In a historic setting, this will be a unique opportunity to hear from and network with scientists and policy officials from influential stakeholders in the food standards sector, representing the regulator, industry, research bodies and the referee analyst.

Under the auspices of the National Measurement Office and the APA Educational Trust, the conference will address developments in food safety, authenticity and analysis and is supported by

- The Food Standards Agency
- Leatherhead Food Research
- Campden BRI
- LGC Standards
- The Government Chemist

## Who should attend?

Anyone with a special interest in food standards and animal feed enforcement, reference materials and PT schemes, in particular:

- Food and animal feed industry representatives
- Food retailers
- Public analysts / Agricultural analysts
- Trading Standards Officers / Environmental Health Officers
- Government agencies
- Consumer groups
- Food scientists / analysts
- Food research institutes
- Academics and the research community

## How do I get more information?

The detailed programme information is presented on pages 2 and 3.

**How do I register?** Please see registration form on website and contact Kirstin Gray: [kirstin.gray@lgc.co.uk](mailto:kirstin.gray@lgc.co.uk)

**How do I submit a poster?** Posters are welcome on themes related to the conference:

**Please contact Kirstin Gray:** [kirstin.gray@lgc.co.uk](mailto:kirstin.gray@lgc.co.uk)

**Exhibitors:** time has been allocated for delegates to discuss technical issues and purchasing options with scientific trade exhibitors.

**To book a stand please contact Kirstin Gray:** [kirstin.gray@lgc.co.uk](mailto:kirstin.gray@lgc.co.uk) .

# Conference Agenda 2010

Day 1 - Wednesday 28th April



09:45 - 10:15 **Registration & coffee**

**Opening session** **Chaired by the UK Government Chemist**

10:15 – 10:35 **Welcome, introduction & keynote speech**  
Derek Craston, UK Government Chemist

10:35 – 11:10 **Referee casework outcomes**  
Michael Walker, Referee Analyst

11:10 – 11:40 **Coffee break** - Networking and discussions with exhibitors

11:40 – 12:10 **Digital PCR and cutting edge technologies**  
A slice of food authenticity  
Malcolm Burns, LGC

12:10 – 12:30 **Ensuring measurement quality during food crises**  
Thomas Linsinger,  
Institute for Reference Materials and Measurements (IRMM)

12:30 – 1:30 **Lunch break**

**Second session** **Chaired by John Dennis,**  
**Food and Environment Research Agency**

1:30 – 1:50 **Keynote speech by FSA**  
Derrick Jones, Head of Analysis and Research, FSA

1:50 – 2:05 **The FSA's Food Authenticity Programme**  
Nigel Harrison, FSA

2:05 – 2:35

**A proteomic approach to the detection of offal in meat products**

Lyndsey J Durose and E Ellen Billett, Nottingham Trent University

2:35 – 3:00

**Using DNA methods for food authenticity**

Hez Hird, Food and Environment Research Agency

3:00 – 3:30

**Coffee break** - Networking and discussions with exhibitors

3:30 – 4:00

**Where now brown cow?**

Tracing the geographical origin of beef using bio-element isotope and trace element analysis

Simon Kelly, University of East Anglia

4:00 – 4:30

**Running with dinosaurs**

Proteomics from food fraud and archaeology studies to determine the species of gelatine in foods

Helen Grundy, Food and Environment Research Agency

4:30 – 5:00

**The FSA's collaborative trial programme**

Andrew Damant, FSA

**End of second session**

Informal viewing of Churchill Museum and Cabinet War Rooms, networking and discussions with exhibitors

6:00

Depart from Churchill Museum and Cabinet War Rooms

7:30 / 8:00

**Conference Dinner**

# Conference Agenda 2010

Day 2 - Thursday 29th April



09:30 - 10:00

**Registration & coffee**

**Day Two**

**Chaired by Ron Colwell, HJ Heinz**

**10:00 – 10:20**

**Welcome, introduction & keynote speech**

Andy Kerridge, Burger King Corporation

10:20 – 10:35

**Vitamin analysis in the food testing laboratory**

Antony Bagshaw, Leatherhead Food Research

10:35 – 10:55

**Lectin arrays for identifying species of origin of milk**

Joanna Topping, Leatherhead Food Research

10:55 – 11:20

**Evaluation of a simple microscopy protocol for identifying Mechanically Separated Meat (MSM)**

Kathy Groves, Leatherhead Food Research

11:20 – 11:50

**Coffee break** - Networking and discussions with exhibitors

11:50 – 12:10

**Validating methods outside of accreditation**

Paul Drake, Campden BRI

12:10 – 12:30

**New standards in microbiology**

Roy Betts, Campden BRI

12:30 – 12:50

**Role of analysis in due diligence for the brewing industry**

Richard Sharpe, Campden BRI

12:50 – 1:45

**Lunch break**

1:45 – 2:05

**Keynote speech**

Ian Lumley, LGC

2:05 – 2:25

**Underpinning quality in the distilling industry through participation in proficiency testing**

Paul Lockyer, Diageo

2:25 – 2:45

**How can global proficiency testing improve food quality?**

Tracey Noblett, LGC Standards Proficiency Testing

2:45 – 3:05

**The quantification of allergenic proteins using LC-MS**

The evolution of proteomic methods from discovery to regulatory use  
Gavin O'Connor, LGC

3:00 – 3:30

**Coffee break** - Networking and discussions with exhibitors

3:30 – 3:50

**Developing standards for new food ingredients: The stevia story**

Troy Rhonemus, Cargill Health and Nutrition

3:50 – 4:10

**Reliable analysis of animal feeds**

The importance of proficiency testing  
Matthew Whetton, LGC Standards Proficiency Testing

4:10 – 4:30

**Confidence in food analysis through accreditation**

Yuk Cheung, United Kingdom Accreditation Service

4:30 – 4:45

**Closing remarks**

Derek Craston, UK Government Chemist

**End of conference**

Informal viewing of Churchill Museum and Cabinet War Rooms is possible until 6:00pm.

**Note:** The organisers reserve the right to substitute speakers and topics. Where possible, alternatives will be of similar standing. This conference is organised under the auspices of the National Measurement Office and APA Educational Trust.